



- Home
- What Can I Access?
- Log-out

- Journals & Magazines
- Conference Proceedings
- Standards

- By Author
- Basic
- Advanced
- CrossRef

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

- Access the IEEE Enterprise File Cabinet

Your search matched **6** of **1123491** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

#### Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

((radiation\*) <near/5> (sensor\* or detector\*)) <paragraph>

Check to search within this result set

#### Results Key:

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

#### 1 Time-domain Simulation of electronic noises

*Pullia, A.; Riboldi, S.;*

Nuclear Science, IEEE Transactions on, Volume: 51, Issue: 4, Aug. 2004  
Pages:1817 - 1823

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE JNL**

#### 2 Resonant response of a FET to an AC signal: influence of magnetic field, device length, and temperature

*Kushwaha, M.S.; Vasilopoulos, P.;*

Electron Devices, IEEE Transactions on, Volume: 51, Issue: 5, May 2004  
Pages:803 - 813

[\[Abstract\]](#) [\[PDF Full-Text \(688 KB\)\]](#) **IEEE JNL**

#### 3 Dynamic and low-frequency noise characterization of Si-Ge heterojunction-bipolar transistors at cryogenic temperatures

*Arnaboldi, C.; Boella, G.; Pessina, G.;*

Nuclear Science, IEEE Transactions on, Volume: 50, Issue: 4, Aug. 2003  
Pages:921 - 927

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) **IEEE JNL**

#### 4 Room temperature, high-resolution X-ray spectroscopy with silicon chambers

*Pinotti, E.; Longoni, A.; Gambelli, M.; Struder, L.; Lechner, P.; Zanthier, C.V.; Kraner, H.;*

Nuclear Science, IEEE Transactions on, Volume: 42, Issue: 1, Feb. 1995  
Pages:12 - 16

---

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE JNL](#)

---

**5 An improved low-background cooled FET assembly for germanium spectroscopy**

*Aalseth, C.E.; Arther, R.J.; Reeves, J.H.;*  
Nuclear Science Symposium, 1999. Conference Record. 1999 IEEE , Volume: 1 , 24-30 Oct. 1999  
Pages:378 - 381 vol.1

---

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

---

**6 GaN solid state electron emitter**

*Akinwande, A.I.; Horning, R.D.; Goldenberg, B.L.; Ruden, P.P.; King, J.;*  
Vacuum Microelectronics Conference, 1995. IVMC., 1995 International , 30 Ju  
Aug. 1995  
Pages:478

---

[\[Abstract\]](#) [\[PDF Full-Text \(92 KB\)\]](#) [IEEE CNF](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |  
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



## Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

## Topics of Content

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced
- CrossRef

## MEMBER BENEFITS

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

## IEEE Xplore

- Access the IEEE Enterprise File Cabinet

Your search matched **26** of **1123491** documents.  
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

((radiation\*) <near/5> (sensor\* or detector\*)) <paragraph>

Check to search within this result set

**Results Key:**

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

**1 X-ray detection characteristics of thallium bromide nuclear radiation detectors**

*Hitomi, K.; Muroi, O.; Matsumoto, M.; Hirabuki, R.; Shoji, T.; Hiratake, Y.;*  
Nuclear Science, IEEE Transactions on, Volume: 47, Issue: 3, June 2000  
Pages:777 - 779

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) **IEEE JNL**

**2 X-ray detection characteristics of thallium bromide nuclear radiation detectors**

*Hitomi, K.; Muroi, O.; Matsumoto, M.; Hirabuki, R.; Shoji, T.; Hiratake, Y.;*  
Nuclear Science Symposium, 1999. Conference Record. 1999 IEEE, Volume: 1, 24-30 Oct. 1999  
Pages:339 - 341 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) **IEEE CNF**

**3 A novel multicell silicon drift detector module for X-ray spectroscopic imaging applications**

*Hansen, K.; Troger, L.;*  
Nuclear Science, IEEE Transactions on, Volume: 47, Issue: 6, Dec. 2000  
Pages:2748 - 2757

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE JNL**

**4 Room temperature, high-resolution X-ray spectroscopy with silicon chambers**

*Pinotti, E.; Longoni, A.; Gambelli, M.; Struder, L.; Lechner, P.; Zanthier, C.V.; Kraner, H.;*  
Nuclear Science, IEEE Transactions on, Volume: 42, Issue: 1, Feb. 1995

Pages:12 - 16

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE JNL](#)

---

**5 A new temperature and X-ray mapping system for 700-MHz 5-cell superconducting cavities**

*Tajima, T.; Gentzlinger, R.C.; Ledford, J.E.; Madrid, M.A.; Montoya, D.I.; Sha, A.H.;*

Particle Accelerator Conference, 2001. PAC 2001. Proceedings of the 2001 , Volume: 2 , 18-22 June 2001

Pages:1116 - 1118 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) [IEEE CNF](#)

---

**6 Bismuth iodide (III) crystals for nuclear radiation detectors**

*Matsumoto, M.; Hitomi, K.; Shoji, T.; Hiratake, Y.;*

Nuclear Science Symposium Conference Record, 2001 IEEE , Volume: 4 , 4-10 Nov. 2001

Pages:2344 - 2347

[\[Abstract\]](#) [\[PDF Full-Text \(311 KB\)\]](#) [IEEE CNF](#)

---

**7 Thallium bromide optical and radiation detectors for X-ray and gamma-ray spectroscopy**

*Hitomi, K.; Matsumoto, M.; Muroi, O.; Shoji, T.; Hiratake, Y.;*

Nuclear Science, IEEE Transactions on , Volume: 49 , Issue: 5 , Oct. 2002

Pages:2526 - 2529

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) [IEEE JNL](#)

---

**8 Lead iodide nuclear spectrometers**

*Lund, J.C.; Shah, K.S.; Squillante, M.R.; Sinclair, F.;*

Nuclear Science, IEEE Transactions on , Volume: 35 , Issue: 1 , Feb 1988

Pages:89 - 92

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) [IEEE JNL](#)

---

**9 Thallium bromide optical and radiation detectors for X- and gamma-spectroscopy**

*Hitomi, K.; Matsumoto, M.; Muroi, O.; Shoji, T.; Hiratake, Y.;*

Nuclear Science Symposium Conference Record, 2001 IEEE , Volume: 4 , 4-10 Nov. 2001

Pages:2406 - 2409

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE CNF](#)

---

**10 Advances in the crystal growth and device fabrication technology of CdZnTe room temperature radiation detectors**

*Szeles, C.;*

Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 3 , June 2004

Pages:1242 - 1249

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) [IEEE JNL](#)

---

**11 Purification and preparation of TlBr crystals for room temperature radiation detector applications**

Oliveira, I.B.; Costa, F.E.; Chubaci, J.F.D.; Hamada, M.M.; Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 3 , June 2004 Pages:1224 - 1228

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE JNL](#)

---

**12 Comparative study of silicon detectors**

Allier, C.P.; Valk, H.; Huizenga, J.; Bom, V.R.; Hollander, R.W.; Van Eijk, C.W Nuclear Science, IEEE Transactions on , Volume: 45 , Issue: 3 , June 1998 Pages:576 - 580

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) [IEEE JNL](#)

---

**13 Development of bulk GaAs room temperature radiation detectors**

McGregor, D.S.; Knoll, G.F.; Eisen, Y.; Brake, R.; Nuclear Science, IEEE Transactions on , Volume: 39 , Issue: 5 , Oct 1992 Pages:1226 - 1236

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) [IEEE JNL](#)

---

**14 Purification of bismuth tri-iodide as material for radiation detector purposes**

Cuna, A.; Saucedo, E.; Noguera, A.; Aguiar, I.; Rodriguez, M.; Fornaro, L.; Nuclear Science Symposium Conference Record, 2003 IEEE , Volume: 5 , 19-2 Oct. 2003 Pages:3425 - 3427 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(313 KB\)\]](#) [IEEE CNF](#)

---

**15 Silicon radiation detectors**

Rehak, P.; Nuclear Science Symposium Conference Record, 2003 IEEE , Volume: 5 , 19-2 Oct. 2003 Pages:3375 - 3379 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(983 KB\)\]](#) [IEEE CNF](#)

---

[1](#) [2](#) [Next](#)

---

## Patent Assignment Abstract of Title

**Total Assignments: 1**

**Application #:** 10081895 **Filing Dt:** 02/21/2002      **Patent #:** NONE      **Issue Dt:**  
**PCT #:** NONE      **Publication #:** US20020131626      **Pub Dt:** 09/19/2002

**Inventors:** Gereon Vogtmeier, Francisco Morales Serrano, Stefan Schneider, Olaf Such

**Title:** Radiation sensor and radiation detector for a computed tomography apparatus

**Assignment: 1**

<b>Reel/Frame:</b> 012931/0183	<b>Received:</b> 05/31/2002	<b>Recorded:</b> 05/28/2002	<b>Mailed:</b> 07/30/2002
--------------------------------	--------------------------------	--------------------------------	------------------------------

**Pages:**  
2

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

<b>Assignors:</b> VOGTMEIER, GEREON SERRANO, FRANCISCO MORALES SCHNEIDER, STEFAN SUCH, OLAF	<b>Exec Dt:</b> 03/13/2002 <b>Exec Dt:</b> 03/13/2002 <b>Exec Dt:</b> 03/15/2002 <b>Exec Dt:</b> 03/18/2002
--	--

**Assignee:** KONINKLIJKE PHILIPS ELECTRONICS N.V.

GROENEWOUDSEWEG 1  
5621 BA EINDHOVEN, NETHERLANDS

**Correspondent:** PHILIPS ELECTRONICS NORTH AMERICA  
CORPORATION - JOHN VODOPIA  
580 WHITE PLAINS ROAD  
TARRYTOWN, NEW YORK 10591

Search Results as of: 2/3/2005 5:06:43 P.M.

---

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723  
Web interface last modified: Oct. 5, 2002